

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062524\
 Data File : BP020638.D
 Acq On : 25 Jun 2024 14:48
 Operator : MA/JU
 Sample : SSTD01014
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010638

Quant Time: Jun 25 17:28:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 17:18:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
 ahmed
 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	151854	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	645513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	410514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	818171	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	709397	20.000	ng/u1	0.00
88) Perylene-d12	24.997	264	794554	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	14296	3.966	ng/uL	0.00
4) Pyridine-d5	3.687	84	104664	9.913	ng/u1	0.00
7) Phenol-d5	6.928	99	120975	9.280	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	80235	10.061	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	100433	10.545	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	100603	9.568	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	45124	9.316	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	42557	7.912	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	92687	9.246	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	137098	9.760	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	292160	9.844	ng/u1	-0.01
49) Acenaphthylene-d8	14.057	160	347192	10.414	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	36934	8.221	ng/u1	-0.01
60) Fluorene-d10	15.380	176	249613	10.073	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	32181	6.556	ng/u1	0.00
73) Anthracene-d10	17.292	188	372926	10.454	ng/u1	0.01
81) Pyrene-d10	19.668	212	415886	9.905	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	382877	9.968	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	15837	3.853	ng/uL	95
5) Pyridine	3.710	79	108972	10.191	ng/u1	99
6) Benzaldehyde	6.904	77	69914	10.448	ng/u1	98
8) Phenol	6.951	94	125253	9.345	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.181	93	107558	10.154	ng/u1	98
12) 2-Chlorophenol	7.316	128	102537	10.397	ng/u1	98
13) 2-Methylphenol	8.187	108	97424	9.720	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	166860	12.129	ng/u1	99
16) Acetophenone	8.563	105	169953	9.777	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.545	70	88224	9.475	ng/u1	96
18) 4-Methylphenol	8.510	108	103177	9.503	ng/u1	98
19) Hexachloroethane	8.810	117	44553	9.977	ng/u1	98
22) Nitrobenzene	8.934	77	120963	8.943	ng/u1	96
23) Isophorone	9.457	82	248668	9.525	ng/u1	99
25) 2-Nitrophenol	9.639	139	46487	8.302	ng/u1	99
26) 2,4-Dimethylphenol	9.698	107	119560	9.682	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	145127	9.872	ng/u1	99
29) 2,4-Dichlorophenol	10.163	162	94137	9.647	ng/u1	98
30) Naphthalene	10.563	128	348679	10.415	ng/u1	100
32) 4-Chloroaniline	10.681	127	135536	9.910	ng/u1	100
33) Hexachlorobutadiene	10.833	225	71709	9.445	ng/u1	100
34) Caprolactam	11.463	113	28452	8.718	ng/u1	96
35) 4-Chloro-3-methylphenol	11.798	107	106936	9.053	ng/u1	99
36) 2-Methylnaphthalene	12.175	142	236766	10.240	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	239951	10.269	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.539	216	130845	10.106	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	66965	9.158	ng/ul	97
41) 2,4,6-Trichlorophenol	12.786	196	76411	9.567	ng/ul	96
42) 2,4,5-Trichlorophenol	12.863	196	79309	9.306	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	316736	10.761	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	246846	10.573	ng/ul	99
45) 2-Nitroaniline	13.445	65	55374	7.641	ng/ul	95
47) Dimethylphthalate	13.816	163	298109	9.996	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	48766	8.392	ng/ul	95
50) Acenaphthylene	14.086	152	399649	10.631	ng/ul	100
51) 3-Nitroaniline	14.274	138	44893	8.238	ng/ul	99
52) Acenaphthene	14.439	153	265497	10.560	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	20439	5.889	ng/ul	92
55) 4-Nitrophenol	14.598	109	35149	7.791	ng/ul	94
56) Dibenzofuran	14.780	168	358004	10.432	ng/ul	97
57) 2,4-Dinitrotoluene	14.745	165	69453	8.419	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	67700	9.075	ng/ul	97
59) Diethylphthalate	15.210	149	295093	9.946	ng/ul	100
61) Fluorene	15.439	166	294160	10.395	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.439	204	151798	10.137	ng/ul	99
63) 4-Nitroaniline	15.463	138	44001	9.608	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.527	198	35150	6.822	ng/ul	99
67) N-Nitrosodiphenylamine	15.657	169	239965	10.319	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	89605	10.004	ng/ul	97
69) Hexachlorobenzene	16.463	284	101053	9.820	ng/ul	98
70) Atrazine	16.645	200	82942	10.196	ng/ul	98
71) Pentachlorophenol	16.821	266	50385	8.323	ng/ul	91
72) Phenanthrene	17.227	178	444481	10.598	ng/ul	99
74) Anthracene	17.327	178	455420	10.694	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	126334	10.029	ng/uL	98
76) Pentachlorobenzene	14.686	250	122147	9.847	ng/uL	99
77) Carbazole	17.604	167	381143	10.520	ng/ul	99
78) Di-n-butylphthalate	18.198	149	476850	10.796	ng/ul	100
80) Fluoranthene	19.321	202	504512	10.144	ng/ul	98
82) Pyrene	19.698	202	519967	10.057	ng/ul	99
83) Butylbenzylphthalate	20.656	149	184241	9.532	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	156011	10.710	ng/ul	98
85) Benzo(a)anthracene	21.621	228	506430	10.525	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.562	149	293046	10.348	ng/ul	99
87) Chrysene	21.692	228	474297	10.583	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	490173	9.557	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	493437	10.433	ng/ul	99
91) Benzo(k)fluoranthene	23.997	252	487450	10.182	ng/ul	99
93) Benzo(a)pyrene	24.833	252	452986	10.079	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	578430m	10.280	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	474517m	10.164	ng/ul	
96) Benzo(g,h,i)perylene	29.974	276	471685	10.332	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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